

STIC-Biotech/ChemLib

113533

From: Li, Ruixiang
Sent: Wednesday, February 04, 2004 1:16 PM
To: STIC-Biotech/ChemLib
Subject: Sequence search of Application NO: 09/823,038

Please do a standard search on SEQ ID NO: 33 against interference amino acid databases.

Thank you very much!

Ruixiang Li
GAU 1646
REM 4D75
Mail Box 4C70
(571) 272-0875

Searcher: _____
Phone: _____
Location: _____
Date Picked Up: 2/4/04
Date Completed: 2/5/04
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH:
NA Sequences: _____
AA Sequences: 1
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST (where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: osp
WWW/Internet: _____
Other (specify): _____

Db 301 FVVLPTGDVWSRDPDGSYLNKPL 322

RESULT 2

US-09-996-243-119

Sequence 119, Application US/09996243

Patent No. 6478825

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C13
CURRENT APPLICATION NUMBER: US/09/996,243
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
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PRIOR APPLICATION NUMBER: 60/087106
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PRIOR APPLICATION NUMBER: 60/087609
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PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
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PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
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PRIOR FILING DATE: 1998-06-16
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PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
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PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254

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;; PRIOR APPLICATION NUMBER: 60/090349
;; PRIOR FILING DATE: 1998-06-23
;; PRIOR APPLICATION NUMBER: 60/090355
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;; PRIOR APPLICATION NUMBER: 60/090429
;; PRIOR FILING DATE: 1998-06-24
;; PRIOR APPLICATION NUMBER: 60/090431
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;; PRIOR APPLICATION NUMBER: 60/090682
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/090683
;; PRIOR FILING DATE: 1998-06-26
;; PRIOR APPLICATION NUMBER: 60/091360
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091478
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091544
;; PRIOR FILING DATE: 1998-07-01
;; PRIOR APPLICATION NUMBER: 60/091519
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091626
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 81.4%; Score 1448; DB 4; Length 504;
Best Local Similarity 99.6%; Pred. No. 1.3e-120;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVN 109
DB 52 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVN 111
QY 110 YTLVVLDDISPKGESIGPPSSGGQEDPASQOMARPRFTQPSKMRRRVIAAPVGSVRUK 169
DB 112 YTLVVLDDISPKGESIGPPSSGGQEDPASQOMARPRFTQPSKMRRRVIAAPVGSVRUK 171
QY 170 CVASGHRPDIATMMKDQALTRPEAAEPKRWTLSTLKNLRPDSGKYTCRVSNRAGAIN 229

|||||
DB 172 CVASGHRPDIATMMKDQALTRPEAAEPKRWTLSTLKNLRPDSGKYTCRVSNRAGAIN 231
QY 230 ATYKVDVIQRTSRKSPVLTGTHPVTNTVDGTTSPCKKRSVDKPYIOWLKRVEYGAEGR 289
DB 232 ATYKVDVIQRTSRKSPVLTGTHPVTNTVDGTTSPCKKRSVDKPYIOWLKRVEYGAEGR 291
QY 290 HNSTIDVGQKRFVLPDGDVMSRPGGSYLNKPL 322
DB 292 HNSTIDVGQKRFVLPDGDVMSRPGGSYLNKPL 324

RESULT 3
US-09-383-586-31
; Sequence 31, Application US/09383586
; Patent No. 6242419
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevlin
; APPLICANT: Omtust, Rene
; APPLICANT: Kumbie, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compounds isolated from stromal cells
; FILE REFERENCE: 11000.1037c1
; CURRENT APPLICATION NUMBER: US/09/383,586
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 31
; LENGTH: 529
; TYPE: RPT
; ORGANISM: Mouse
US-09-383-586-31

Query Match 77.1%; Score 1371; DB 3; Length 529;
Best Local Similarity 93.4%; Pred. No. 9.4e-114;
Matches 255; Conservative 8; Mismatches 10; Indels 0; Gaps 0;

QY 50 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVN 109
DB 48 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKQVEREDAGVYVCKATNGFSGLSVN 107
QY 110 YTLVVLDDISPKGESIGPPSSGGQEDPASQOMARPRFTQPSKMRRRVIAAPVGSVRUK 169
DB 108 YTLVVLDDISPKGESIGPPSSGGQEDPASQOMARPRFTQPSKMRRRVIAAPVGSVRUK 167
QY 170 CVASGHRPDIATMMKDQALTRPEAAEPKRWTLSTLKNLRPDSGKYTCRVSNRAGAIN 229
DB 168 CVASGHRPDIATMMKDQALTRPEAAEPKRWTLSTLKNLRPDSGKYTCRVSNRAGAIN 227
QY 230 ATYKVDVIQRTSRKSPVLTGTHPVTNTVDGTTSPCKKRSVDKPYIOWLKRVEYGAEGR 289
DB 228 ATYKVDVIQRTSRKSPVLTGTHPVTNTVDGTTSPCKKRSVDKPYIOWLKRVEYGAEGR 287
QY 290 HNSTIDVGQKRFVLPDGDVMSRPGGSYLNKPL 322
DB 288 HNSTIDVGQKRFVLPDGDVMSRPGGSYLNKPL 320

RESULT 4
US-09-383-586-32
; Sequence 32, Application US/09383586
; Patent No. 6242419
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevlin
; APPLICANT: Omtust, Rene
; APPLICANT: Kumbie, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compounds isolated from stromal cells

; TITLE OF INVENTION: and methods for their use
 ; FILE REFERENCE: 11000.1037c1
 ; CURRENT APPLICATION NUMBER: US/09/383,586
 ; CURRENT FILING DATE: 1999-08-26
 ; NUMBER OF SEQ ID NOS: 38
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 32
 ; LENGTH: 439
 ; TYPE: PRT
 ; ORGANISM: Mouse
 ; US-09-383-586-32

Query Match 57.8%; Score 1029; DB 3; Length 439;
 Best Local Similarity 93.7%; Pred. No. 1.9e-83;
 Matches 194; Conservative 4; Mismatches 9; Indels 0; Gaps 0;

QY 116 DISPKESLGPSSSGGQEDPASQOMARPTOPSKMRRIARPVSSVRLKCVASGH 175
 DB 23 DISPKESPGSGSGGQEDPASQOMARPTOPSKMRRIARPVSSVRLKCVASGH 82
 QY 176 PRPDITWMDQDALTRPEAAEPKKKWTLSLKNLREDSGKTCRVSNRAGAINATYKVD 235
 DB 83 PRPDITWMDQDQTLHLSESHKKKWTLSLKNLREDSGKTCRVSNRAGAINATYKVD 142
 QY 236 VIQRTSKPVLGTGHPVNTTVDPGTTSFOCKVRSVDKVIQWLKREYGAEGRNHSTID 295
 DB 143 VIQRTSKPVLGTGHPVNTTVDPGTTSFOCKVRSVDKVIQWLKREYGAEGRNHSTID 202
 QY 296 VGGQKRVLPDGDVWSRPGSYINKPL 322
 DB 203 VGGQKRVLPDGDVWSRPGSYINKPL 229

RESULT 5
 ; US-09-383-630-6
 ; Sequence 6, Application US/09383630A
 ; Patent No. 6265632
 ; GENERAL INFORMATION:
 ; APPLICANT: Avner Yavon et al.
 ; TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
 ; FACTOR RECEPTOR ASSOCIATED
 ; CHONDRODYSPLASIA
 ; NUMBER OF SEQUENCES: 18
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Mark M. Friedmann c/o Anthony Castorina
 ; STREET: 2001 Jefferson Davis Highway, Suite 207
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: United States of America
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
 ; COMPUTER: Twinhead* Slimnote-890TX
 ; OPERATING SYSTEM: MS DOS version 6.2,
 ; Windows version 3.11
 ; SOFTWARE: Word for Windows version 2.0 converted
 ; to an ASCII file
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/383,630A
 ; FILING DATE: 26-Aug-1999
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: <Unknown>
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Friedmann, Mark M.
 ; REGISTRATION NUMBER: 33,883
 ; REFERENCE/DOCKET NUMBER: 1402/2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 972-3-5625553
 ; TELEFAX: 972-3-5625554
 ; TELEX: <Unknown>
 ; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 801
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 ; US-09-383-630-6

Query Match 22.0%; Score 391; DB 3; Length 801;
 Best Local Similarity 32.1%; Pred. No. 2.3e-26;
 Matches 102; Conservative 50; Mismatches 132; Indels 34; Gaps 9;

QY 5 CCCSCRCRCWGPSPRPPPEAPQRMTRWSHGRWPAGPHCA-----AVPEGD 54
 DB 6 CVLVCAVAVGATSEPPGPEGRVVRRAEYVGPEQQEQVAFSGDTELSCHPGGA 65
 QY 55 PPPLTMWTKDGTTHSGSRFRVLPQGLKVKOVEREDAGVYC--KATNGFSSLVNTL 112
 DB 66 PGPVTWAKDGTGLVAAS-HRLIVGPQRLQVNASHEHDAGVYSCQHRLTR--RVLCFSSV 121
 QY 113 VVLDDISPKESLGPSSSGGQEDPASQOMARPTOPSKMRRIARPVSSVRLKCV 172
 DB 122 RVTDAPESSGDDDEDVA---EDTGAPWY---TRPRMDKLLAVPAANTVRFCPA 172
 QY 173 SGHPRPDITWMDQDALTRPEAAEPKKKWTLSLKNLREDSGKTCRVSNRAGAIN 229
 DB 173 AGNFPSPISLWLNKGEFPEGRHIGIKLRHQMSLVMSVYPSDRGNTCVENKFGSIR 232
 QY 230 ATYKVDVIQRTSKPVLGTGHPVNTTVDPGTTSFOCKVRSVDKVIQWLKREYGAEGR 289
 DB 233 QYTTDLVLEERSPHRPILOAGLIPANQTAIGSDVEFHCCKVSPDAPHIQLKREY----- 287
 QY 290 HNSTDVGGQKRV-VLPT 306
 DB 288 NSGKVPGDTPYTVLKT 305

RESULT 6
 ; US-09-383-630-3
 ; Sequence 3, Application US/09383630A
 ; Patent No. 6265632
 ; GENERAL INFORMATION:
 ; APPLICANT: Avner Yavon et al.
 ; TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
 ; FACTOR RECEPTOR ASSOCIATED
 ; CHONDRODYSPLASIA
 ; NUMBER OF SEQUENCES: 18
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Mark M. Friedmann c/o Anthony Castorina
 ; STREET: 2001 Jefferson Davis Highway, Suite 207
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: United States of America
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
 ; COMPUTER: Twinhead* Slimnote-890TX
 ; OPERATING SYSTEM: MS DOS version 6.2,
 ; Windows version 3.11
 ; SOFTWARE: Word for Windows version 2.0 converted
 ; to an ASCII file
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/383,630A
 ; FILING DATE: 26-Aug-1999
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: <Unknown>
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Friedmann, Mark M.
 ; REGISTRATION NUMBER: 33,883
 ; REFERENCE/DOCKET NUMBER: 1402/2
 ; TELECOMMUNICATION INFORMATION:

TELEPHONE: 972-3-5625553
TELEFAX: 972-3-5625554
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 806
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-383-630-3

Query Match 21.2%; Score 378; DB 3; Length 806;
Best Local Similarity 31.8%; Pred. No. 3.3e-25;
Matches 96; Conservative 54; Mismatches 118; Indels 34; Gaps 10;

QY 16 GPHRRPPPPAPRMRTRMSHGKWPAGPHCAAVPEGDDP---PL-TMWTYDGRTHS 70
DB 33 GRAAEVPGPPGQOEQLVFGSG-----DAVELSCPPGGGPMGPVTWVDGTLVP 83
QY 71 GWGRFVLPQGLKVKQVEREDAGVYVC--KATNGFGSLVNTLVLDLISPGEKSLGPD 128
DB 84 S-ERVLVGPORLYLNAHSDSGATSCRORLTQ--RVLCHFVSVRTADAPSGDDEDED 139
QY 129 SSSGQEDPASQOMAPRFTQPSKRRRIARPVGSSVRLKCVASGHPRPDITMMDQA 188
DB 140 EADDTGVDGAPW-----TRPERMDKLLAVPAANTVFRCPAAGNPFTSISMLKNGRE 194
QY 189 LT--RPEAEPKKKKWTLSLKNLRPDSGKTYCRVSNRAGAINATYKDVIOQRTSKPV 245
DB 195 FRGEHIGIKLKHQOQSLVMSVSPDRGNVTCVVENKFGSIRQFTTLDVLERSPHRP 254
QY 246 LHTHPVNTTVDFGTTSPQKVRSDVKPVIOMLKREYGAEGRNHSTIDVGOKFV-VL 304
DB 255 LQGLPLANTAVLSGDEVEHCKVYSDAQPHIOMLKHEV-----NSGKVPDGLPYVTVL 309
QY 305 PT 306
DB 310 KT 311

RESULT 7
US-08-471-570-14
Sequence 14, Application US/08471570
Patent No. 5750371
GENERAL INFORMATION:
APPLICANT: IGARASHI, Koichi
APPLICANT: SENOO, Masaharu
APPLICANT: WATANABE, Tatsuya
TITLE OF INVENTION: PROTEIN, DNA AND USE THEREOF
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
STREET: 130 Water Street
CITY: Boston
STATE: Massachusetts
COUNTRY: US
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,570
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/149,664
FILING DATE: 16-AUG-1991

ATTORNEY/AGENT INFORMATION:
NAME: LINEK, Ernest V
REGISTRATION NUMBER: 29822
REFERENCE/DOCKET NUMBER: 40897
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)523-3400
TELEFAX: (617)523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-471-570-14

Query Match 21.1%; Score 375.5; DB 1; Length 355;
Best Local Similarity 29.9%; Pred. No. 1.8e-25;
Matches 97; Conservative 55; Mismatches 129; Indels 43; Gaps 10;

QY 23 PPEAPQRMRTMRSHGKWPAGPHCAAVPEG-----DPPULTMTKDGRTHSGMSRF 75
DB 15 PEEPPFKYQI-----SQPEVYVAPEBSLEVRCLLKDAAVTSWKDG--VHLGPNR 64
QY 76 RVL-PQGLKVKQVEREDAGVYVCATNGFGSLVNTLVLDLISPGEKSLGPDSSGQ 134
DB 65 TWLIGYLQIKATPPDSGLYACTASRTYDSEIWTYMWVTTDAISSGD---EDDTDA 120
QY 135 EDPASQ--QMAPRFTQPSKRRRIARPVGSSVRLKCVASGHPRPDITMMDQA 190
DB 121 EDFVSNSNNKAPAVYTNTEKMEKRLHVAANTVFRCPAGNPMPYRWMLKNGKEFRQ 180
QY 191 --RPEAEPKKKKWTLSLKNLRPDSGKTYCRVSNRAGAINATYKDVIOQRTSKPV 248
DB 181 EHRIGYKVRNOMWSLIMSVSPDKGNTCVVENEYGSINITYHLDVVERSPHRIQA 240
QY 249 THPVNTTVDFGTTSPQKVRSDVKPVIOMLKRE-----YGAEG-----RHNSTIDV 296
DB 241 GLPANASTVGGDEVEFCVYSDAQPHIOMLKHEVNGSKGPDGLPYLKLHSG---I 297
QY 297 GGQKRVLPPTGDVMSRPDGSYLNK 320
DB 298 NSSNAEVLALFVNTTEADAGEYICK 321

RESULT 8
US-08-471-570-6
Sequence 6, Application US/08471570
Patent No. 5750371
GENERAL INFORMATION:
APPLICANT: IGARASHI, Koichi
APPLICANT: SENOO, Masaharu
APPLICANT: WATANABE, Tatsuya
TITLE OF INVENTION: PROTEIN, DNA AND USE THEREOF
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
STREET: 130 Water Street
CITY: Boston
STATE: Massachusetts
COUNTRY: US
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,570
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/149,664
FILING DATE:
APPLICATION NUMBER: US 07/743369
FILING DATE: 16-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: LINEK, Ernest V
REGISTRATION NUMBER: 29822
REFERENCE/DOCKET NUMBER: 40897
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)523-3400
TELEFAX: (617)523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-471-570-6

Query Match 21.1%; Score 375.5; DB 1; Length 643;
Best Local Similarity 29.9%; Pred. No. 4.1e-25;
Matches 97; Conservative 55; Mismatches 129; Indels 43; Gaps 10;

QY 23 PEAPQMRRTMRSHGRWPAGPHCAAVPEG-----DPPLTMTKDGRTIHSQMSRF 75
DB 35 PEEPTKYOI-----SQPEVYVAAPGESLEVRCLKDAVISMTKDG--VHLGPNR 84
QY 76 RVL-FOGLKRYOVEREDAGVYVCKATNGFGLSVNTLVLDISPGEKSLGPDSSGQ 134
DB 85 TVLIGEVYLIQKATPRDSGLYACTASRTVDETFWFMNVTDALSSGD---EDDTGA 140
QY 135 EDPASQ---QWAPRPTOPSKRRRIAPVGSVRLKCVASGHPRPDITMKDQALT- 190
DB 141 EDFVSENNSNNKRAPYNTTEKMEKRIHVAIPAANTYKFCPAGNPMPTMRMLKNGKEFRQ 200
QY 191 --RPEAEPKRRKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVAVIORTSKFVLTG 248
DB 201 EHRIGGYKRNQWMSLIMESVPSDKGNTCVENEGSINTHYLDIVERSPHRPIIDA 260
QY 249 THPVNTTVDGTTTSFOCKVRSVDPKVIOMLKRVE-----YGAEG-----RHSTIDV 296
DB 261 GLPANAIVGQDVEFVCKVYSDAQPHIQWIKHVENKSGYGPDLPLYLKLKHSQ---I 317
QY 297 GGQKFFVLPFGDWSRDPGSYLNK 320
DB 318 NSSNAEVLALFNVTEADAGEYICK 341

RESULT 9

US-08-471-570-8
Sequence 8, Application US/08471570
Patent No. 5750371
GENERAL INFORMATION:
APPLICANT: IGARASHI, Koichi
APPLICANT: SEMOO, Masaharu
APPLICANT: MATANABE, Tatsuya
TITLE OF INVENTION: PROTEIN, DNA AND USE THEREOF
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 Water Street
CITY: Boston
STATE: Massachusetts
COUNTRY: US
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/471,570
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/149,664
FILING DATE:
APPLICATION NUMBER: US 07/743369
FILING DATE: 16-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: LINEK, Ernest V
REGISTRATION NUMBER: 29822
REFERENCE/DOCKET NUMBER: 40897
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)523-3400
TELEFAX: (617)523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 769 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-471-570-8

Query Match 21.1%; Score 375.5; DB 1; Length 769;
Best Local Similarity 29.9%; Pred. No. 5.2e-25;
Matches 97; Conservative 55; Mismatches 129; Indels 43; Gaps 10;

QY 23 PEAPQMRRTMRSHGRWPAGPHCAAVPEG-----DPPLTMTKDGRTIHSQMSRF 75
DB 35 PEEPTKYOI-----SQPEVYVAAPGESLEVRCLKDAVISMTKDG--VHLGPNR 84
QY 76 RVL-FOGLKRYOVEREDAGVYVCKATNGFGLSVNTLVLDISPGEKSLGPDSSGQ 134
DB 85 TVLIGEVYLIQKATPRDSGLYACTASRTVDETFWFMNVTDALSSGD---EDDTGA 140
QY 135 EDPASQ---QWAPRPTOPSKRRRIAPVGSVRLKCVASGHPRPDITMKDQALT- 190
DB 141 EDFVSENNSNNKRAPYNTTEKMEKRIHVAIPAANTYKFCPAGNPMPTMRMLKNGKEFRQ 200
QY 191 --RPEAEPKRRKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVAVIORTSKFVLTG 248
DB 201 EHRIGGYKRNQWMSLIMESVPSDKGNTCVENEGSINTHYLDIVERSPHRPIIDA 260
QY 249 THPVNTTVDGTTTSFOCKVRSVDPKVIOMLKRVE-----YGAEG-----RHSTIDV 296
DB 261 GLPANAIVGQDVEFVCKVYSDAQPHIQWIKHVENKSGYGPDLPLYLKLKHSQ---I 317
QY 297 GGQKFFVLPFGDWSRDPGSYLNK 320
DB 318 NSSNAEVLALFNVTEADAGEYICK 341

RESULT 10

US-07-640-029-1
Sequence 1, Application US/07640029
Patent No. 5229501
GENERAL INFORMATION:
APPLICANT: Kiefer, Michael C.
APPLICANT: Valenzuela, Pablo D.T.
APPLICANT: Barr, Philip J.
TITLE OF INVENTION: Expression and Use of Human Fibroblast
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: California
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk


```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/640,029
FILING DATE: 19910111
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: CH-165
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-601-2708
TELEFAX: 510-655-3542
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 816 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-640-029-1

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Query Match      21.0%; Score 373; DB 1; Length 816;
Best Local Similarity 30.1%; Pred. No. 9.4e-25;
Matches 89; Conservative 46; Mismatches 115; Indels 46; Gaps 8;

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QY 20 RPPV-PEAPORRTMWSHMRWPAHCAAVPVG-----DPPPLTMW 61
DB 22 RPPVLEQAPW-----GAPVEVSLVHPGDLQRCRLRDVGSINW 66
QY 62 TKDRTIHGWSRFRVLPGELKVKQVERDAGVVCATNGFSGLSVNTLVLDISP 121
DB 67 LRQGVQLAES-NRTIRIGEVEVQDVPADSGLYACTSSPSGS-DTTSVANVDLPS 124
QY 122 KESLGPSSSGGQ-----DPAQQMARPTQPSMRRRYIARPVGSSVRLKCVASGH 175
DB 125 SEDDDDDDDSSSEKKEKETDNTKPNFVAPYTSPEKMEKRLHAVPAKTVKFCPSGGT 184
QY 176 PRDITMWDQDLTRPE-----AAEPKKWTLSLKLRLPEDSGKTCRNSNAGAINAT 231
DB 185 PNTLRLKNGKKEP-KDHRIGYKRYATWATSIIMSVSDKGNATYCIENEYGSINHT 243
QY 232 YKDVLIQRTSKSEVLCTGHPVNTTVDPGTTSFQCKVRSDVKPVIOMLKREYGA 287
DB 244 YQDVVERSPHRILQAGLPANTVALGSVNEPKYSPQPHIQMLKRIEMGSK 299

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```

RESULT 11
US-08-451-822A-13
; Sequence 13, Application US/08451822A
; Patent No. 5863888
; GENERAL INFORMATION:
; APPLICANT: Dionne, Craig A
; APPLICANT: Crumley, Greg
; APPLICANT: Jaye, Michael C
; APPLICANT: Schlessinger, Joseph
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Legal Department
; STREET: 500 Arcola Road
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,822A

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FILING DATE: 26-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/323,430
FILING DATE: 14-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/934,372
FILING DATE: 21-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/549,587
FILING DATE: 06-JUL-1990
ATTORNEY/AGENT INFORMATION:
NAME: Savitzky, Martin
REGISTRATION NUMBER: 29,699
REFERENCE/DOCKET NUMBER: A0496E
TELECOMMUNICATION INFORMATION:
TELEPHONE: (610) 454-3816
TELEFAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 821 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-451-822A-13

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Query Match      20.9%; Score 371.5; DB 2; Length 821;
Best Local Similarity 31.6%; Pred. No. 1.3e-24;
Matches 90; Conservative 50; Mismatches 112; Indels 33; Gaps 8;
QY 23 PREAPORRTMWSHMRWPAHCAAVPVG-----DPPPLTMWTKDRTIHGWSR 75
DB 35 PEEPPRYQL-----SPEYVYAPGSELEVRCLLDAATSWTKG--VHLPPNR 84
QY 76 RVL-PQGLKVKQVERDAGVVCATNGFSGLSVNTLVLDISPGEKSLGPDSSGGQ 134
DB 85 TVLIGELYLQKATPRDPSGLYACTASRTYDSEIYFMVNTVDAISSGDD---EDITDGA 140
QY 135 EDPASQ---QMARPTQPSMRRRYIARPVGSSVRLKCVASGHPDPITMWDQALT- 190
DB 141 EDVSESNNSNKRAPYVNTTEKKEKRLHAVPAANTVAFRCAGNPMPTMRLKNGKEFKQ 200
QY 191 --RPEAEPKKWTLSLKLRLPEDSGKTCRNSNAGAINATYKDVLIQRTSKSEVLTG 248
DB 201 EHRIGYKRNQWSTLIMSVSDKGNATYCVENEYGSINHTYHLDVVERSPHRILQ 260
QY 249 TRPVNTTVDPGTTSFQCKVRSDVKPVIOMLKRE-----YGAEG 288
DB 261 GUPANASTVGGDVEFCVKYSDAOPHIQMIKHEKNGSKYGPBG 305

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RESULT 12
US-08-323-430-13
; Sequence 13, Application US/08323430
; Patent No. 6344546
; GENERAL INFORMATION:
; APPLICANT: Dionne, Craig A
; APPLICANT: Crumley, Greg
; APPLICANT: Jaye, Michael C
; APPLICANT: Schlessinger, Joseph
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Legal Department
; STREET: 500 Arcola Road
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```


ATTORNEY/AGENT INFORMATION:
NAME: MCCLUNG, BARBARA G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0209.001
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 820 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-441-944A-3

Query Match 20.5%; Score 364.5; DB 1; Length 820;
Best Local Similarity 30.4%; Pred. No. 5.4e-24;
Matches 88; Conservative 43; Mismatches 115; Indels 43; Gaps 8;

QY 20 RPP--PEAPQRTMRSRMPAGPHCAAVPEG-----DPPPLTW 61
DB 22 RSPPTLPEQAQPW-----GAPVESEFLVHPGDLQLRCRLDDVOSINW 66
QY 62 TKDGRTHSGWSPFVLPQGLKQVEREDAGVYVCATNGFSLSVNTLVLDISP 121
DB 67 LRQGVQLAES-NKRTITGEVEVQDSVPADSGLYACTSSPGS-DTTYFSVNSDALPS 124
QY 122 KESLGPSSSSGQGE--DPASQOMARPRFTQPSKMRRIYIARPVGSSVRLKCVASGHRP 178
DB 125 SEDDDDDSSSEKETDNTKPNPVAFYWTSPKMEKHLAHPAKTVKFCPSSTPNP 184
QY 179 DITMKDDQALTRPE---AAEPRKKKWTLSLKNLPEDSGKYTCVSRNAGAINATYK 234
DB 185 TLRWLNKGKEF-KPDHRIIGYKRYATWMSIIMDSVPSDKGNTCIVENEYGSINHTYOL 243
QY 235 DVIQRTSRKPVLTGTHPVNTTVDFGCTTSFOCKVSPDKVPIQWLKRV 283
DB 244 DYVERSPRHPILOAGLPANKTVALGSNVEFMCKVYSDPQHIOWLKHI 292

RESULT 15
US-08-439-992A-1
Sequence 1, Application US/08439992A
Patent No. 6255454
GENERAL INFORMATION:
APPLICANT: Kiefer, Michael C.
APPLICANT: Pablo, Valenzuela D.T.
APPLICANT: Philip, Barr J.
TITLE OF INVENTION: Expression and Use of Human Fibroblast
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/439,992A
FILING DATE: 12-May-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Chung, Ling-Fong
REGISTRATION NUMBER: 36,482
REFERENCE/DOCKET NUMBER: 0165.004
TELECOMMUNICATION INFORMATION:

TELEPHONE: 510-923-2704
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 820 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-439-992A-1

Query Match 20.5%; Score 364.5; DB 3; Length 820;
Best Local Similarity 30.4%; Pred. No. 5.4e-24;
Matches 88; Conservative 43; Mismatches 115; Indels 43; Gaps 8;

QY 20 RPP--PEAPQRTMRSRMPAGPHCAAVPEG-----DPPPLTW 61
DB 22 RSPPTLPEQAQPW-----GAPVESEFLVHPGDLQLRCRLDDVOSINW 66
QY 62 TKDGRTHSGWSPFVLPQGLKQVEREDAGVYVCATNGFSLSVNTLVLDISP 121
DB 67 LRQGVQLAES-NKRTITGEVEVQDSVPADSGLYACTSSPGS-DTTYFSVNSDALPS 124
QY 122 KESLGPSSSSGQGE--DPASQOMARPRFTQPSKMRRIYIARPVGSSVRLKCVASGHRP 178
DB 125 SEDDDDDSSSEKETDNTKPNPVAFYWTSPKMEKHLAHPAKTVKFCPSSTPNP 184
QY 179 DITMKDDQALTRPE---AAEPRKKKWTLSLKNLPEDSGKYTCVSRNAGAINATYK 234
DB 185 TLRWLNKGKEF-KPDHRIIGYKRYATWMSIIMDSVPSDKGNTCIVENEYGSINHTYOL 243
QY 235 DVIQRTSRKPVLTGTHPVNTTVDFGCTTSFOCKVSPDKVPIQWLKRV 283
DB 244 DYVERSPRHPILOAGLPANKTVALGSNVEFMCKVYSDPQHIOWLKHI 292

Search completed: February 4, 2004, 14:18:27
Job time : 22 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: February 4, 2004, 14:17:05 ; Search time 36 Seconds
(without alignments)
1872.808 Million cell updates/sec

Title: US-09-823-038A-33

Perfect score: 1779
Sequence: 1 RRAAPCCSCCRRCWGPSPHR.....VLPTGWRKPDGSLYINKPL 322

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 801455 seqs, 209382283 residues

Total number of hits satisfying chosen parameters: 801455

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database:

Published Applications AA:
1: /cgn2_6/prodata/1/pubppa/US07_PUBCOMB.pep:*
2: /cgn2_6/prodata/1/pubppa/PCN_NEW_PUB.pep:*
3: /cgn2_6/prodata/1/pubppa/US06_NEW_PUB.pep:*
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7: /cgn2_6/prodata/1/pubppa/US08_NEW_PUB.pep:*
8: /cgn2_6/prodata/1/pubppa/US08_PUBCOMB.pep:*
9: /cgn2_6/prodata/1/pubppa/US09A_PUBCOMB.pep:*
10: /cgn2_6/prodata/1/pubppa/US09B_PUBCOMB.pep:*
11: /cgn2_6/prodata/1/pubppa/US09C_PUBCOMB.pep:*
12: /cgn2_6/prodata/1/pubppa/US09_NEW_PUB.pep:*
13: /cgn2_6/prodata/1/pubppa/US10A_PUBCOMB.pep:*
14: /cgn2_6/prodata/1/pubppa/US10B_PUBCOMB.pep:*
15: /cgn2_6/prodata/1/pubppa/US10C_PUBCOMB.pep:*
16: /cgn2_6/prodata/1/pubppa/US10_NEW_PUB.pep:*
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18: /cgn2_6/prodata/1/pubppa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1779	100.0	322	9	US-09-823-038A-33
2	1779	100.0	322	12	US-10-157-444B-8
3	1448	81.4	448	9	US-09-815-108-6
4	1448	81.4	448	15	US-10-229-584-6
5	1448	81.4	472	9	US-09-815-108-5
6	1448	81.4	472	15	US-10-229-584-5
7	1448	81.4	504	9	US-09-758-386-2
8	1448	81.4	504	9	US-09-815-108-8
9	1448	81.4	504	9	US-09-815-108-15
10	1448	81.4	504	9	US-09-815-108-17
11	1448	81.4	504	9	US-09-815-108-19
12	1448	81.4	504	9	US-09-989-722-119
13	1448	81.4	504	9	US-09-989-723-119
14	1448	81.4	504	9	US-09-989-729-119
15	1448	81.4	504	9	US-09-989-727-119

16	1448	81.4	504	10	US-09-989-731-119	Sequence 119, App
17	1448	81.4	504	10	US-09-989-732-119	Sequence 119, App
18	1448	81.4	504	10	US-09-991-073-119	Sequence 119, App
19	1448	81.4	504	10	US-09-990-442-119	Sequence 119, App
20	1448	81.4	504	10	US-09-991-163-119	Sequence 119, App
21	1448	81.4	504	10	US-09-993-604-119	Sequence 119, App
22	1448	81.4	504	10	US-09-990-456-119	Sequence 119, App
23	1448	81.4	504	10	US-09-989-721-119	Sequence 119, App
24	1448	81.4	504	10	US-09-989-598-119	Sequence 119, App
25	1448	81.4	504	10	US-09-989-293A-119	Sequence 119, App
26	1448	81.4	504	10	US-09-989-735-119	Sequence 119, App
27	1448	81.4	504	10	US-09-990-444-119	Sequence 119, App
28	1448	81.4	504	10	US-09-991-181-119	Sequence 119, App
29	1448	81.4	504	10	US-09-989-730-119	Sequence 119, App
30	1448	81.4	504	10	US-09-990-436-119	Sequence 119, App
31	1448	81.4	504	10	US-09-993-687-119	Sequence 119, App
32	1448	81.4	504	11	US-09-989-734-119	Sequence 119, App
33	1448	81.4	504	11	US-09-997-653-119	Sequence 119, App
34	1448	81.4	504	11	US-09-993-667-119	Sequence 119, App
35	1448	81.4	504	11	US-09-997-428-119	Sequence 119, App
36	1448	81.4	504	11	US-09-997-666-119	Sequence 119, App
37	1448	81.4	504	11	US-09-990-438-119	Sequence 119, App
38	1448	81.4	504	11	US-09-990-562-119	Sequence 119, App
39	1448	81.4	504	11	US-09-796-753-94	Sequence 94, App1
40	1448	81.4	504	11	US-09-796-753-108	Sequence 108, App1
41	1448	81.4	504	11	US-09-990-711-119	Sequence 119, App
42	1448	81.4	504	11	US-09-989-726-119	Sequence 119, App
43	1448	81.4	504	11	US-09-998-156-119	Sequence 119, App
44	1448	81.4	504	11	US-09-990-437-119	Sequence 119, App
45	1448	81.4	504	11	US-09-991-157-119	Sequence 119, App

ALIGNMENTS

RESULT 1	US-09-823-038A-33
Sequence 33, Application US/09823038A	
Patent No. US20020058335A1	
GENERAL INFORMATION:	
APPLICANT: Strachan, Lorna	
APPLICANT: Sleeman, Matthew	
APPLICANT: Abernethy, Nevlin	
APPLICANT: Ornust, Rene	
APPLICANT: Kumble, Anand	
APPLICANT: Murlison, Greg	
TITLE OF INVENTION: Compositions Isolated From Stromal Cells	
TITLE OF INVENTION: and Methods For Their Use	
FILE REFERENCE: 11000.1037c3	
CURRENT APPLICATION NUMBER: US/09/823,038A	
CURRENT FILING DATE: 2001-07-09	
NUMBER OF SEQ ID NOS: 61	
SOFTWARE: FastSeq For Windows Version 4.0	
SEQ ID NO 33:	
LENGTH: 322	
TYPE: PRT	
ORGANISM: Human	
US-09-823-038A-33	
Query Match	100.0% ; Score 1779; DB 9; Length 322;
Best Local Similarity	100.0% ; Pred. No. 1.1e-126;
Matches 322; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	1 RRAAPCCSCCRRCWGPSPHRPPPPAQRWRTWWSHGRWPAHCAAAVVEGDPPLTM 60
DB	1 RRAAPCCSCCRRCWGPSPHRPPPPAQRWRTWWSHGRWPAHCAAAVVEGDPPLTM 60
QY	WTGDSRTTSGWRFVLPQGLKVKOVEREDAGVYCKATNGGSLSVYTLVVDLDP 120
DB	WTGDSRTTSGWRFVLPQGLKVKOVEREDAGVYCKATNGGSLSVYTLVVDLDP 120
QY	121 GKESLPDSSSGGOEDPASQOMARPRFTOPSKMRRIIVAPVSSVRLKCVASGHPRPDI 180

Db 121 GKESLGPDSGSGQEDBPASQOMARPRFTOPSKMRREVIARPVGSSVRLKCVASGHRPDI 180
Qy 181 TMMKDDOALTRPEAEPKRWKWTLSKNLRPEDSGYTCQVSRAGAINATYKVDVIOBT 240
Db 181 TMMKDDOALTRPEAEPKRWKWTLSKNLRPEDSGYTCQVSRAGAINATYKVDVIOBT 240
Qy 241 RSKPVLGTGHPVNTTVDGTTTSFOCKVRSADVAPVIOMLKRVYGAEGHNSITIDVGQK 300
Db 241 RSKPVLGTGHPVNTTVDGTTTSFOCKVRSADVAPVIOMLKRVYGAEGHNSITIDVGQK 300
Qy 301 FVVLPTGDVWSRPDGSYLKPL 322
Db 301 FVVLPTGDVWSRPDGSYLKPL 322

RESULT 2

US-10-157-444B-8
; Sequence 8, Application US/10157444B
; Publication No. US20030143676A1
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernathy, Nevlin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumbie, Anand
; APPLICANT: Muriason, Greg
; TITLE OF INVENTION: Fibroblast Growth Factor Receptors
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 11000.1037G4
; CURRENT APPLICATION NUMBER: US/10/157,444B
; PRIOR FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: U.S. 09/823,038
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: U.S. 09/383,586
; PRIOR FILING DATE: 1999-08-26
; PRIOR APPLICATION NUMBER: U.S. 09/276,268
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: PCT/NZ00/00014
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: U.S. 60/221,216
; PRIOR FILING DATE: 2000-07-25
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 322
; TYPE: PRT
; ORGANISM: Human
US-10-157-444B-8

Query Match 100.0%; Score 1779; DB 12; Length 322;

Best Local Similarity 100.0%; Pred. No. 1,1e-126; Matches 322; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RRAPECCSCCRRCWSPSHRPPPEAPORWRTWMSHGRWPAGHCAAAVVEGDEPPLTM 60
Db 1 RRAPECCSCCRRCWSPSHRPPPEAPORWRTWMSHGRWPAGHCAAAVVEGDEPPLTM 60
Qy 61 WTKDGTTHSGWRSFVLPQGLKVKOVEREDAGVYCKATNGFGLSVNTTLVLDDISP 120
Db 61 WTKDGTTHSGWRSFVLPQGLKVKOVEREDAGVYCKATNGFGLSVNTTLVLDDISP 120
Qy 121 GKESLGPDSGSGQEDBPASQOMARPRFTOPSKMRREVIARPVGSSVRLKCVASGHRPDI 180
Db 121 GKESLGPDSGSGQEDBPASQOMARPRFTOPSKMRREVIARPVGSSVRLKCVASGHRPDI 180
Qy 181 TMMKDDOALTRPEAEPKRWKWTLSKNLRPEDSGYTCQVSRAGAINATYKVDVIOBT 240
Db 181 TMMKDDOALTRPEAEPKRWKWTLSKNLRPEDSGYTCQVSRAGAINATYKVDVIOBT 240
Qy 241 RSKPVLGTGHPVNTTVDGTTTSFOCKVRSADVAPVIOMLKRVYGAEGHNSITIDVGQK 300
Db 241 RSKPVLGTGHPVNTTVDGTTTSFOCKVRSADVAPVIOMLKRVYGAEGHNSITIDVGQK 300

Qy 301 FVVLPTGDVWSRPDGSYLKPL 322
Db 301 FVVLPTGDVWSRPDGSYLKPL 322

RESULT 3

US-09-815-108-6
; Sequence 6, Application US/09815108
; Patent No. US20020009776A1
; GENERAL INFORMATION:
; APPLICANT: Sarris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min
; APPLICANT: Boone, Thomas Charles
; APPLICANT: Covey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-like Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 99-513-A
; CURRENT APPLICATION NUMBER: US/09/815,108
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 60/191,379
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 448
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: TRANSMEM
; LOCATION: (355) ..(375)
US-09-815-108-6

Query Match 81.4%; Score 1448; DB 9; Length 448;

Best Local Similarity 99.6%; Pred. No. 1.7e-101; Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 50 PVEGPPPLTMMTKDGRTHSGWRSFVLPQGLKVKOVEREDAGVYCKATNGFGLSVN 109
Db 28 PVEGPPPLTMMTKDGRTHSGWRSFVLPQGLKVKOVEREDAGVYCKATNGFGLSVN 87
Qy 110 YTLVLLDDISPQKESLGPDSGSGQEDBPASQOMARPRFTOPSKMRREVIARPVGSSVRLK 169
Db 88 YTLVLLDDISPQKESLGPDSGSGQEDBPASQOMARPRFTOPSKMRREVIARPVGSSVRLK 147
Qy 170 CVASGHRPDDITMMKDDOALTRPEAEPKRWKWTLSKNLRPEDSGYTCQVSRAGAIN 229
Db 148 CVASGHRPDDITMMKDDOALTRPEAEPKRWKWTLSKNLRPEDSGYTCQVSRAGAIN 207
Qy 220 ATYKVDVIOBT RSKPVLGTGHPVNTTVDGTTTSFOCKVRSADVAPVIOMLKRVYGAEGR 289
Db 208 ATYKVDVIOBT RSKPVLGTGHPVNTTVDGTTTSFOCKVRSADVAPVIOMLKRVYGAEGR 267
Qy 290 HNSTIDVGQKRVVLPDGDVWSRPDGSYLKPL 322
Db 268 HNSTIDVGQKRVVLPDGDVWSRPDGSYLKPL 300

RESULT 4

US-10-229-584-6
; Sequence 6, Application US/10229584
; Publication No. US20030087384A1
; GENERAL INFORMATION:
; APPLICANT: Sarris, Christiaan M.
; APPLICANT: Sharon, Mu X.
; APPLICANT: Xia, Min
; APPLICANT: Boone, Thomas Charles
; APPLICANT: Covey, Todd
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-like Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 99-513-P
; CURRENT APPLICATION NUMBER: US/10/229,584
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 09/815,108
; PRIOR FILING DATE: 2001-03-22

PRIOR APPLICATION NUMBER: 60/191,379
PRIOR FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 448
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: TRANSMEM
LOCATION: (355)..(375)
US-10-229-584-6

Query Match 81.4%; Score 1448; DB 15; Length 448;
Best Local Similarity 99.6%; Pred. No. 1.7e-101;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 109
DB 28 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 87
QY 110 YTLVVLDDISPGKESLGPSSSGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLK 169
DB 88 YTLVVLDDISPGKESLGPSSSGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLK 147
QY 170 CVASGHPREDITMWDQALTRPEAEPKCKWTLSLKNLRPDSGKTCRVSNRAGAIN 229
DB 148 CVASGHPREDITMWDQALTRPEAEPKCKWTLSLKNLRPDSGKTCRVSNRAGAIN 207
QY 230 ATYKVDVIQRTSRKSVLGTGHPVNTTVDGTTSPQCKVRSVKYIOMLKREYGAEGR 289
DB 208 ATYKVDVIQRTSRKSVLGTGHPVNTTVDGTTSPQCKVRSVKYIOMLKREYGAEGR 267
QY 290 HNSTIDVGQKRVLPFGDVWSRDPGSYLNKPL 322
DB 268 HNSTIDVGQKRVLPFGDVWSRDPGSYLNKPL 300

RESULT 5
US-09-815-108-5

Sequence 5, Application US/09815108
Patent No. US20020097661
GENERAL INFORMATION:
APPLICANT: Saris, Christiaan M.
APPLICANT: Sharon, Mu X.
APPLICANT: Xia, Min
APPLICANT: Boone, Thomas Charles
APPLICANT: Covey, Todd
TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
FILE REFERENCE: 99-513-A
CURRENT APPLICATION NUMBER: US/09/815,108
CURRENT FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/191,379
PRIOR FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 472
TYPE: PRT
ORGANISM: Homo sapiens
US-09-815-108-5

Query Match 81.4%; Score 1448; DB 9; Length 472;
Best Local Similarity 99.6%; Pred. No. 1.8e-101;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 109
DB 52 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 111
QY 110 YTLVVLDDISPGKESLGPSSSGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLK 169

DB 112 YTLVVLDDISPGKESLGPSSSGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLK 171
QY 170 CVASGHPREDITMWDQALTRPEAEPKCKWTLSLKNLRPDSGKTCRVSNRAGAIN 229
DB 172 CVASGHPREDITMWDQALTRPEAEPKCKWTLSLKNLRPDSGKTCRVSNRAGAIN 231
QY 230 ATYKVDVIQRTSRKSVLGTGHPVNTTVDGTTSPQCKVRSVKYIOMLKREYGAEGR 289
DB 232 ATYKVDVIQRTSRKSVLGTGHPVNTTVDGTTSPQCKVRSVKYIOMLKREYGAEGR 291
QY 290 HNSTIDVGQKRVLPFGDVWSRDPGSYLNKPL 322
DB 292 HNSTIDVGQKRVLPFGDVWSRDPGSYLNKPL 324

RESULT 6
US-10-229-584-5

Sequence 5, Application US/10229584
Publication No. US20030087384A1
GENERAL INFORMATION:
APPLICANT: Saris, Christiaan M.
APPLICANT: Sharon, Mu X.
APPLICANT: Xia, Min
TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
FILE REFERENCE: 99-513-F
CURRENT APPLICATION NUMBER: US/10/229,584
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 09/815,108
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/191,379
PRIOR FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 472
TYPE: PRT
ORGANISM: Homo sapiens
US-10-229-584-5

Query Match 81.4%; Score 1448; DB 15; Length 472;
Best Local Similarity 99.6%; Pred. No. 1.8e-101;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 109
DB 52 PVEGDEPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 111
QY 110 YTLVVLDDISPGKESLGPSSSGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLK 169
DB 112 YTLVVLDDISPGKESLGPSSSGGQEDPASQOWARPRFTOPSKMRRRVIARPVGSSVRLK 171
QY 170 CVASGHPREDITMWDQALTRPEAEPKCKWTLSLKNLRPDSGKTCRVSNRAGAIN 229
DB 172 CVASGHPREDITMWDQALTRPEAEPKCKWTLSLKNLRPDSGKTCRVSNRAGAIN 231
QY 230 ATYKVDVIQRTSRKSVLGTGHPVNTTVDGTTSPQCKVRSVKYIOMLKREYGAEGR 289
DB 232 ATYKVDVIQRTSRKSVLGTGHPVNTTVDGTTSPQCKVRSVKYIOMLKREYGAEGR 291
QY 290 HNSTIDVGQKRVLPFGDVWSRDPGSYLNKPL 322
DB 292 HNSTIDVGQKRVLPFGDVWSRDPGSYLNKPL 324

RESULT 7
US-09-758-386-2

Sequence 2, Application US/09758386
Patent No. US20010016335A1
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc. et al.
TITLE OF INVENTION: Fibroblast Growth Factor Receptor-5
FILE REFERENCE: PF486PCT

;; CURRENT APPLICATION NUMBER: US/09/758,386
;; CURRENT FILING DATE: 2001-01-12
;; PRIOR APPLICATION NUMBER: 09/293,182
;; PRIOR FILING DATE: 1999-04-16
;; NUMBER OF SEQ ID NOS: 15
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 2
;; LENGTH: 504
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-758-386-2

Query Match 81.4%; Score 1448; DB 9; Length 504;
Best Local Similarity 99.6%; Pred. No. 2e-101;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 109
DB 52 PVEGDPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 111

QY 110 YTLVVLDDISPGKESLGPDSGSGOEDPASQOMARPRFTOPSKMRRVIARPVGSSVRLK 169
DB 112 YTLVVLDDISPGKESLGPDSGSGOEDPASQOMARPRFTOPSKMRRVIARPVGSSVRLK 171

QY 170 CVASGHPRPDITMWDQALTRPEAEPRKKKWTLSLKNLRPDSGKTCRVSNRAGAIN 229
DB 172 CVASGHPRPDITMWDQALTRPEAEPRKKKWTLSLKNLRPDSGKTCRVSNRAGAIN 231

QY 230 ATYKVDVIORTSRKSVLGTGHPVNTTVPDGGTTSFOCKVRSVYKVIQWLKREVGABGR 289
DB 232 ATYKVDVIORTSRKSVLGTGHPVNTTVPDGGTTSFOCKVRSVYKVIQWLKREVGABGR 291

QY 290 HNSTIDVGQKFFVLPDGVMSRPDGSYLANKPL 322
DB 292 HNSTIDVGQKFFVLPDGVMSRPDGSYLANKPL 324

RESULT 8
US-09-815-108-8
; Sequence 8, Application US/09815108
; Patent No. US20020009776A1

;; GENERAL INFORMATION:
;; APPLICANT: Sarris, Christiaan M.
;; APPLICANT: Sharon, Mu X.
;; APPLICANT: Xie, Min
;; APPLICANT: Boone, Thomas Charles

;; APPLICANT: Covey, Todd
;; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
;; FILE REFERENCE: 99-513-A
;; CURRENT APPLICATION NUMBER: US/09/815,108

;; CURRENT FILING DATE: 2001-03-22
;; PRIOR APPLICATION NUMBER: 60/191,379
;; PRIOR FILING DATE: 2000-03-22

;; NUMBER OF SEQ ID NOS: 22
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 8
;; LENGTH: 504
;; TYPE: PRT
;; ORGANISM: Artificial Sequence

;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: virtual human
;; OTHER INFORMATION: FGFR-L amino acid sequence comprising residues
;; OTHER INFORMATION: 1-472 of SEQ ID NO: 5 and residues 473-504 of

;; OTHER INFORMATION: Genbank accession no. AJ277437
US-09-815-108-8

Query Match 81.4%; Score 1448; DB 9; Length 504;
Best Local Similarity 99.6%; Pred. No. 2e-101;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 109
DB 52 PVEGDPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 111

DB 52 PVEGDPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 111
QY 110 YTLVVLDDISPGKESLGPDSGSGOEDPASQOMARPRFTOPSKMRRVIARPVGSSVRLK 169
DB 112 YTLVVLDDISPGKESLGPDSGSGOEDPASQOMARPRFTOPSKMRRVIARPVGSSVRLK 171
QY 170 CVASGHPRPDITMWDQALTRPEAEPRKKKWTLSLKNLRPDSGKTCRVSNRAGAIN 229
DB 172 CVASGHPRPDITMWDQALTRPEAEPRKKKWTLSLKNLRPDSGKTCRVSNRAGAIN 231
QY 230 ATYKVDVIORTSRKSVLGTGHPVNTTVPDGGTTSFOCKVRSVYKVIQWLKREVGABGR 289
DB 232 ATYKVDVIORTSRKSVLGTGHPVNTTVPDGGTTSFOCKVRSVYKVIQWLKREVGABGR 291
QY 290 HNSTIDVGQKFFVLPDGVMSRPDGSYLANKPL 322
DB 292 HNSTIDVGQKFFVLPDGVMSRPDGSYLANKPL 324

RESULT 9

US-09-815-108-15
; Sequence 15, Application US/09815108
; Patent No. US20020009776A1

;; GENERAL INFORMATION:
;; APPLICANT: Sarris, Christiaan M.
;; APPLICANT: Sharon, Mu X.
;; APPLICANT: Xie, Min
;; APPLICANT: Boone, Thomas Charles

;; APPLICANT: Covey, Todd
;; TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
;; FILE REFERENCE: 99-513-A
;; CURRENT APPLICATION NUMBER: US/09/815,108

;; CURRENT FILING DATE: 2001-03-22
;; PRIOR APPLICATION NUMBER: 60/191,379
;; PRIOR FILING DATE: 2000-03-22

;; NUMBER OF SEQ ID NOS: 22
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 15
;; LENGTH: 504
;; TYPE: PRT
;; ORGANISM: Homo sapiens

US-09-815-108-15
Query Match 81.4%; Score 1448; DB 9; Length 504;
Best Local Similarity 99.6%; Pred. No. 2e-101;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 109
DB 52 PVEGDPPLTMTWKDGRTHSGMSRFRVLPQGLKVKOVEREDAGVYVCKATNGFGLSVN 111

QY 110 YTLVVLDDISPGKESLGPDSGSGOEDPASQOMARPRFTOPSKMRRVIARPVGSSVRLK 169
DB 112 YTLVVLDDISPGKESLGPDSGSGOEDPASQOMARPRFTOPSKMRRVIARPVGSSVRLK 171

QY 170 CVASGHPRPDITMWDQALTRPEAEPRKKKWTLSLKNLRPDSGKTCRVSNRAGAIN 229
DB 172 CVASGHPRPDITMWDQALTRPEAEPRKKKWTLSLKNLRPDSGKTCRVSNRAGAIN 231

QY 230 ATYKVDVIORTSRKSVLGTGHPVNTTVPDGGTTSFOCKVRSVYKVIQWLKREVGABGR 289
DB 232 ATYKVDVIORTSRKSVLGTGHPVNTTVPDGGTTSFOCKVRSVYKVIQWLKREVGABGR 291

QY 290 HNSTIDVGQKFFVLPDGVMSRPDGSYLANKPL 322
DB 292 HNSTIDVGQKFFVLPDGVMSRPDGSYLANKPL 324

RESULT 10

US-09-815-108-17
; Sequence 17, Application US/09815108
; Patent No. US20020009776A1

GENERAL INFORMATION:
APPLICANT: Saris, Christiaan M.
APPLICANT: Sharon, Mu X.
APPLICANT: Xia, Min
APPLICANT: Boone, Thomas Charles
APPLICANT: Covey, Todd
TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
FILE REFERENCE: 99-513-A
CURRENT APPLICATION NUMBER: US/09/815,108
CURRENT FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/191,379
PRIOR FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 504
TYPE: PRT
ORGANISM: Homo sapiens
US-09-815-108-17

Query Match 81.4%; Score 1448; DB 9; Length 504;
Best Local Similarity 99.6%; Pred. No. 2e-101;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDPEPLMTMTKDGRTHSGWRFRLPGGLKVKOVEREDAGVYCKATNGFSGLSVN 109
DB 52 PVEGDPEPLMTMTKDGRTHSGWRFRLPGGLKVKOVEREDAGVYCKATNGFSGLSVN 111
QY 110 YTLVLDDISPGKESLGPDSGSGQEDPASQOMARPRFTOPSKMRRRVIAAPVGSVRLK 169
DB 112 YTLVLDDISPGKESLGPDSGSGQEDPASQOMARPRFTOPSKMRRRVIAAPVGSVRLK 171
QY 170 CVASGHRPDIITWKKDQALTRPEAAEPKRRKWTLSKNLRPDSGKYTCRVSNRAGAIN 229
DB 172 CVASGHRPDIITWKKDQALTRPEAAEPKRRKWTLSKNLRPDSGKYTCRVSNRAGAIN 231
QY 230 ATYKVDVIQRTSRKPVLTGHPVNTTVDGFGTTSFOCKRSDVKPYQMLKRYEYGAEGR 289
DB 232 ATYKVDVIQRTSRKPVLTGHPVNTTVDGFGTTSFOCKRSDVKPYQMLKRYEYGAEGR 291
QY 290 HNSTIDVGQKFFVLPFGDVWSRPDGSYLNKPL 322
DB 292 HNSTIDVGQKFFVLPFGDVWSRPDGSYLNKPL 324

RESULT 11
US-09-815-108-19
Sequence 19, Application US/09815108
Patent No. US20020009776A1
GENERAL INFORMATION:
APPLICANT: Saris, Christiaan M.
APPLICANT: Sharon, Mu X.
APPLICANT: Xia, Min
APPLICANT: Boone, Thomas Charles
APPLICANT: Covey, Todd
TITLE OF INVENTION: Fibroblast Growth Factor Receptor-Like Molecules and
FILE REFERENCE: 99-513-A
CURRENT APPLICATION NUMBER: US/09/815,108
CURRENT FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/191,379
PRIOR FILING DATE: 2000-03-22
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 504
TYPE: PRT
ORGANISM: Homo sapiens
US-09-815-108-19

Query Match 81.4%; Score 1448; DB 9; Length 504;
Best Local Similarity 99.6%; Pred. No. 2e-101;

Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 50 PVEGDPEPLMTMTKDGRTHSGWRFRLPGGLKVKOVEREDAGVYCKATNGFSGLSVN 109
DB 52 PVEGDPEPLMTMTKDGRTHSGWRFRLPGGLKVKOVEREDAGVYCKATNGFSGLSVN 111
QY 110 YTLVLDDISPGKESLGPDSGSGQEDPASQOMARPRFTOPSKMRRRVIAAPVGSVRLK 169
DB 112 YTLVLDDISPGKESLGPDSGSGQEDPASQOMARPRFTOPSKMRRRVIAAPVGSVRLK 171
QY 170 CVASGHRPDIITWKKDQALTRPEAAEPKRRKWTLSKNLRPDSGKYTCRVSNRAGAIN 229
DB 172 CVASGHRPDIITWKKDQALTRPEAAEPKRRKWTLSKNLRPDSGKYTCRVSNRAGAIN 231
QY 230 ATYKVDVIQRTSRKPVLTGHPVNTTVDGFGTTSFOCKRSDVKPYQMLKRYEYGAEGR 289
DB 232 ATYKVDVIQRTSRKPVLTGHPVNTTVDGFGTTSFOCKRSDVKPYQMLKRYEYGAEGR 291
QY 290 HNSTIDVGQKFFVLPFGDVWSRPDGSYLNKPL 322
DB 292 HNSTIDVGQKFFVLPFGDVWSRPDGSYLNKPL 324

RESULT 12
US-09-989-722-119
Sequence 119, Application US/09989722
Patent No. US20020072067A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Nadler, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C63
CURRENT APPLICATION NUMBER: US/09/989,722
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28

;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 81.4%; Score 1448; DB 9; Length 504;
Best Local Similarity 99.6%; Pred. No. 2e-101;
Matches 272; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 PVEGDPPLTMTWTKDGTTHSGMSRRRLDQGLKVKQVEREDAGVYCKATNGPGSLSVN 109
DB 52 PVEGDEPPLTMTWTKDGTTHSGMSRRRLDQGLKVKQVEREDAGVYCKATNGPGSLSVN 111
QY 110 YTLVLVDDISPGKESIGPSSSGQEDPASQOMARPFQPSKRRRVIRAPVGSVRK 159
DB 112 YTLVLVDDISPGKESIGPSSSGQEDPASQOMARPFQPSKRRRVIRAPVGSVRK 171
QY 170 CVASGHRPDTMTWKDDQALTRPEAAEPKCKWTLISKNLRPDSGKYTCRVSNRGAIV 229
DB 172 CVASGHRPDTMTWKDDQALTRPEAAEPKCKWTLISKNLRPDSGKYTCRVSNRGAIV 231
QY 230 ATYKVDVIOFTRSKPVLGTGHPYNTVDFGTTSPQCKVRSVDYKPVIOMLKREVEYGAER 289
DB 232 ATYKVDVIOFTRSKPVLGTGHPYNTVDFGTTSPQCKVRSVDYKPVIOMLKREVEYGAER 291
QY 290 HNSTIDVGQKFVYLPFGDWSRPPDGSYLNKPL 322
DB 292 HNSTIDVGQKFVYLPFGDWSRPPDGSYLNKPL 324

RESULT 13

US-09-989-723-119
Sequence 119, Application US/09989723

Patent No. US20020072092A1

GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi J.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan L.
;; APPLICANT: Ferrara, Napoleone
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerltsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Kijavlin, Ivar J.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Thomas, Daniel
;; APPLICANT: Watanabe, Colin K.
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C62
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15 PRIOR FILING DATE: 1998-07-09

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RESULT 14
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: Patent No. US20020072496A1
: GENERAL INFORMATION:
: APPLICANT: Ashkenazi, Avi J.
: APPLICANT: Baker, Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Deenoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, J. Christopher
: APPLICANT: Gurney, Austin L.
: APPLICANT: Kijavini, Ivar J.
: APPLICANT: Napier, Mary A.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2730P1C56

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; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
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; PRIOR FILING DATE: 1998-07-09

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Query Match      81.4%; Score 1448; DB 9; Length 504;
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; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann

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; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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Job time : 37 secs



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 113533

TO: Ruixiang Li
Location: REM/4D75
Art Unit: 1646
Thursday, February 05, 2004

4C70

Case Serial Number: 09/823038

From: Edward Hart
Location: Biotech-Chem Library
CM1-6B02
Phone: 305-9203

edward.hart@uspto.gov

Search Notes

Examiner Li,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

Edward Hart

